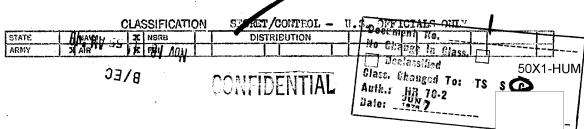
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•	CLASSIFICATION STEEDING U.S	. OFFICIAL
	CENTRAL INTELLIGENCE AGENCY	REPORT I
	INFORMATION REPORT	
COUNTRY	Germany (Fussian Zone)	50X1-HUM DATE DISTR. 28 0ct. 1949
SUBJECT	Bergmann Elektrizitäts-Verke A.G., Vilhelmsruh	NO. OF PAGES
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		50X1-HUM
1.	The Bergmann-Elektrizitäts-Verke A.G. is rapidly and first priority is given to the plant by the Dalready available, including a center lathe for ductors, large horizontal boring machines and lat the blades having diameters of up to 3 meters. Sized machines are new and were surplied from cur The present system has one disadvantage, namely,	MK. Two hundred machines are turning shafts (Wellen) and in- shee with horizontal face plates, one of the smaller and redium- rent Russian Zone production.

- used for both routh and precision work rather than for turbine construction alone. At the moment there is a shortage of 30-40 milling machines, but this deficiency can probably be made up from various factories in the Soviet Zone which have sur-50X1-HUM plus milling capacity. 50X1-HUM
- Armroximately twenty-five tons of metal for turbine blades are now available in 2. stock at the works. obtained fron Czechoslovakia. Most of the latter was delivered in profile form. It is hoped, however, that in the future it will be rossible to obtain all the necessary material within the Coviet Zone and thus eliminate the necessity of importing from abroad.
- Should Bergmann's machine caracity not be sufficient for the work on hand at any 3. time, the factory has the right to co-opt the following firms:

Görlitzer Maschinenfabrik Turbinenfabrik Brückner & Kanis, Dresden Deutsche Hiles-Merke, Meissensee and Chemnitz

- In the future, the Mennigsdorf steel works will provide the special metals for 4. turbine shafts and blades. Various blocks have already been cast and are now being rolled or forced. Prof. Baukloh is in charge of this work. The cast iron jet covers and the jet plates will, however, be supplied by the Görlitzer works.
- The general state of turbines in the Russian Zone is very bad and it will be several years before the necessary repairs can be carried out. Repairs that can be undertaken at the present time are limited in scope and are being confined to the renewal of blades and jet covers and repairs to massive inductors. Only the Brown-Boveri, Siemens and GBrlitzer Maschinenfabrik types are being dealt with at the moment.



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- 6. Production of new turbines will certainly not be possible this year. It is tentatively planned for Brückner & Kanis to build turbines up to 2,000 KM, GBrlitzer Maschinenfabrik from 2,000 to 5,000 KM and the Bergmann Elektrizitäts-Werke up to 25,000 KM.
- 7. Experiments in the mass production of blades by pressing are being carried out at Kabelwerk-Oberepree. These experiments are now in an advanced stage and the probability of complete success is considerable.

